

ECS Configuration Change Request

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| 1. Originator Randy Bollinger | 2. Log Date: 2/25/00 | 3. CCR #: 00-0213 | 4. Rev: - | 5. Tel: 8549 301 925-0549 | 6. Rm #: 2103 | 7. Dept. SED |
| 8. CCR Title: Install GPS Time Source antenna at GDAAC ONLY and transition DCE Time Services to this new time source | | | | | | |
| 9. Originator Signature/Date <i>Randy Bollinger 2/25/00</i> | | | 10. Class II | 11. Type: CCR | 12. Need Date: 03/03/00 | |
| 13. Office Manager Signature/Date <i>James R. Math 2/27/00</i> | | | 14. Category of Change: Update ECS Baseline Doc. | | 15. Priority: (If "Emergency" fill in Block 28). Routine | |
| 16. Documentation/Drawings Impacted: See attached sheet | | | 17. Schedule Impact: | | 18. CI(s) Affected: CSS 19. | |
| 19. Release Affected by this Change: 5A | | 20. Date due to Customer: | | 21. Estimated Cost: None - Under 100K | | |
| 22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: | | | | | | |
| 23. Problem: (use additional Sheets if necessary) Current Time Services provided by Goddard Campus network are unreliable, resulting in a number of critical downtime situations at GDAAC. | | | | | | |
| 24. Proposed Solution: (use additional sheets if necessary) With the GPS Antenna already purchased, the installation and transition to this GDAAC owned time source will allow GDAAC to continue operations without relying on the Goddard Campus network time source. | | | | | | |
| 25. Alternate Solution: (use additional sheets if necessary) | | | | | | |
| 26. Consequences if Change(s) are not approved: (use additional sheets if necessary) GDAAC will continue to suffer outages due to the unreliability of the Goddard Campus network time source. | | | | | | |
| 27. Justification for Emergency (If Block 15 is "Emergency"): | | | | | | |
| 28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other | | | | | | |
| 29. Board Comments: | | | | 30. Work Assigned To: | | 31. CCR Closed Date: |
| 32. EDF/SCDV CCB Chair (Sign/Date): | | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS | | | | |
| 33. M&O CCB Chair (Sign/Date): <i>Paul R. 2/29/00</i> | | Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS | | | | |
| 34. ECS CCB Chair (Sign/Date): | | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS | | | | |

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ECS/EDF/SCDV/M&O

ORIGINAL

ADDITIONAL SHEET

CCR #: **00-0213** Rev: - Originator: Randy Bollinger

Telephone: x0549 Office: 2103

Title of Change: Install GPS Time Source antenna at GDAAC ONLY and transition DCE Time Services to this new time source

The additional attached document is the insert to the DCE Cutover for the Time Source Replacement Installation Plan. The GDAAC DCE Admins will be performing the DCE cutover (DCE IPT will be on standby). All scheduling of installs and down time should be authorized by the GDAAC staff.

New timesource hostname: g0tmhost

DCE DTS Configuration (per ECS Baseline)

| | |
|------------------------------------|------------------------|
| Global Time Provider | CSS Server (Sun) |
| Local Time Server | MSS File Server (Sun) |
| Local Time Server | PDPS DBMS Server (Sun) |
| Local Time Server (Courier) | Ingest Server (SGI) |
| Local Time Server (Backup Courier) | MSS Server (HP) |

The following baseline documents will be updated:

| | |
|--------------------------|-----------------------------|
| Site Host Map | 910-TDA-005 |
| Hardware Diagram | 920-TDG-001 |
| System Infrastructure | 920-TDG-003 |
| Cable Management Plan | 920-TDG-005 |
| Hardware Network Diagram | 921-TDG-002 |
| Host IP Assignments | 921-TDG-003 |
| Domain Name Service | 923-TDG-002 and 923-TDG-006 |

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